

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Our Docket No.: 11812/US/2  
 First Named Inventor: Peter J. Schiller  
 Title: Solid-State Acceleration Sensor Device and Method  
 Express Mail No.: EV324256295US  
**Mail Stop PATENT APPLICATION**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

03915 10/636051 PRO

08/07/03

**ADDRESS TO:**

**APPLICATION ELEMENTS**

1.  Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status
3.  Specification Total Pages: 37
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Re: Fed. Sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
4.  Drawings (35 U.S.C. 113) Total Sheets: 11
5.  Oath or Declaration Total Pages:
  - a.  Newly Executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with  
Box 19 completed)
    - i.  **DELETION OF INVENTORS**  
Signed statement attached deleting inventor(s)  
named in the prior application (37 C.F.R.  
1.63(d)(2) and 1.33(b))
6.  Application Data Sheet (37.C.F.R. 1.76)
7.  CD-ROM or CD-R in duplicate,  
large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10.  Assignment Papers (cover sheet & document(s))
11.  37 C.F.R. 3.73(b) Submission
12.  Power of Attorney
13.  Information Disclosure Statement  
(with Copies of Citations as necessary)
14.  Preliminary Amendment Total Pages:
15.  Certified Copy of Priority document(s)  
(if foreign priority is claimed)
16.  English Translation Document (if applicable)
17.  Return Receipt Postcard  
(Should be specifically itemized)
18.  Other
  - Check No. \_\_\_\_\_ for \$ 586.00
  - Copy of Power of Attorney from prior application
  - 
  - 
  - 
  -

**CONTINUATION APPLICATIONS**

19. If a CONTINUATING APPLICATION, check appropriate box and supply the requisite information:

- Continuation  
 Division  
 Continuation-in-Part (CIP)

**of PRIOR APPLICATION**

No. \_\_\_\_\_, filed \_\_\_\_\_  
 and also claims priority from \_\_\_\_\_, dated \_\_\_\_\_.

For CONTINUATION or DIVISIONAL APPLICATIONS: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.

**CORRESPONDENCE ADDRESS**

ADDRESS	CUSTOMER NUMBER  *25763* 25763 PATENT TRADEMARK OFFICE	DORSEY & WHITNEY LLP Intellectual Property Department Suite 1500 50 South Sixth Street Minneapolis, MN 55402-1498	
TELEPHONE	612-752-7367	FAX	612-340-8856
Attorney Name:	Min S. (Amy) Xu		
Signature:	Date: August 7, 2003		

16638  
08/07/03  
U.S.  
TO

**APPLICATION  
FEE TRANSMITTAL SHEET  
(FY 2003)**

<i>Complete if Known</i>	
Application No.	Not yet assigned
Filing Date	Herewith
First Named Inventor	Peter J. Schiller
Group Art Unit	Unknown
Examiner Name	Unknown
Atty. Docket Number	11812/US/2

<b>METHOD OF PAYMENT (Check One)</b>			<b>FEE CALCULATION (Continued)</b>																																																																																																																				
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:            Deposit Account No.: <u>04-1420</u>            Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u></p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17  <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p>			<p><b>3. ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>130</td> <td>65</td> <td>Surcharge - Late nonprovisional filing fee or oath</td> <td></td> </tr> <tr> <td>180</td> <td>180</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>40</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>\$40.00</td> </tr> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>410</td> <td>205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>930</td> <td>465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1,450</td> <td>725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1,970</td> <td>985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>750</td> <td>375</td> <td>Submission After Final 1.129</td> <td></td> </tr> <tr> <td>320</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>320</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>280</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>50</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>1,300</td> <td>650</td> <td>Utility/Reissue Issue Fee (including advance copies)</td> <td></td> </tr> <tr> <td>470</td> <td>235</td> <td>Design Issue Fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>750</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>300</td> <td>300</td> <td>Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td>300</td> <td>300</td> <td>Publication fee for re-publication</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>1,300</td> <td>650</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td colspan="3"><b>OTHER FEE (specify)</b></td> <td colspan="3"></td> </tr> <tr> <td colspan="3"><b>Subtotal (3)</b></td> <td colspan="3">\$40.00</td> </tr> <tr> <td colspan="3"></td> <td colspan="3"><b>Total Amount of Payment:</b> \$586.00</td> </tr> </tbody> </table>			Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet		130	65	Surcharge - Late nonprovisional filing fee or oath		180	180	Submission of IDS		40	40	Recording each patent assignment per property (times number of properties)	\$40.00	110	55	Extension for reply within first month		410	205	Extension for reply within second month		930	465	Extension for reply within third month		1,450	725	Extension for reply within fourth month		1,970	985	Extension for reply within fifth month		750	375	Submission After Final 1.129		320	160	Notice of Appeal		320	160	Filing a brief in support of an appeal		280	140	Request for oral hearing		110	55	Terminal Disclaimer Fee		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		1,300	650	Utility/Reissue Issue Fee (including advance copies)		470	235	Design Issue Fee (inc. advance copies)		750	375	Request for Continued Examination (RCE)		300	300	Publication fee for early, voluntary, or normal publication		300	300	Publication fee for re-publication		110	55	Petition to Revive - unavoidable		1,300	650	Petition to Revive - unintentional		<b>OTHER FEE (specify)</b>						<b>Subtotal (3)</b>			\$40.00						<b>Total Amount of Payment:</b> \$586.00		
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Submitted by:

CUSTOMER NUMBER <b>25763</b>	DORSEY & WHITNEY LLP	Intellectual Property Department Suite 1500, 50 South Sixth Street Minneapolis, MN 55402
Name: Min S. (Amy) Xu	Phone No.: (612) 752-7367	Fax No.: (612) 340-8856
Signature: <u>Min S. Xu</u>	Reg. No.: 39,536	Date: <u>August 7, 2003</u>

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Peter J. Schiller	
Appln. No.:	Not yet assigned	
Filed:	Herewith	Examiner:
Title:	Solid-State Acceleration Sensor Device and Method	Group Art Unit:

## SUBMISSION UNDER 37 C.F.R. § 3.73(b)

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Triad Sensors, Inc., a Minnesota corporation, is an owner of the patent application identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application identified above, a copy of which is attached.

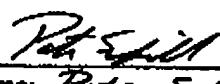
OR

- B.  A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the U.S. Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the U.S. Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of Triad Sensors, Inc.

Dated: 8/6/03

Signature: 

Name: Peter Schiller  
Title: CEO/CTO

In the United States Patent and Trademark Office

UTILITY  
APPLICATION

TO WHOM IT MAY CONCERN:

BE IT KNOWN, That I, Peter J. Schiller, a citizen of the United States and a resident of Coon Rapids, Minnesota, have invented certain new and useful improvements in:

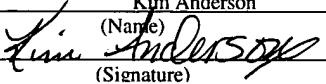
**Solid-State Acceleration Sensor Device and Method**  
of which the following is a specification.

Express Mail mailing label number EV324256295US

Date of Deposit August 7, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Kim Anderson  
(Name)

  
(Signature)